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Titolo	From hurricanes to epidemics : the ocean's evolving impact on human health - perspectives from the u. s. // edited by Kevin Conrad
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ISBN	3-030-55012-5
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XXI, 180 p. 26 illus.)
Collana	Global Perspectives on Health Geography, , 2522-8005
Disciplina	917
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1-Overview: Global Ocean Changes – Impact on Human Health -- Chapter 2-Marine Chemistry: Acidity, Salinity and Chemical Composition -- Chapter 3-Marine Phytoplankton and CO2 Balance -- Chapter 4-Deep Water Horizon and Petroleum Exploration -- Chapter 5-The Ocean's Impact on Emerging Infectious Diseases -- Chapter 6-Diminishing Fisheries and Impact on Human Food Supplies -- Chapter 7-Decreasing Marine Biodiversity -- Chapter 8-Marine Pollutants -- Chapter 9-Marine Biopharmaceuticals -- Chapter 10-Oceans and Rapid Climate Change -- Chapter 11-Hurricanes and Monsoons -- Chapter 12-Arctic Communities and Declining Ice Flow -- Chapter 13-Estuaries and Coastal Ecosystems -- Chapter 14-Current Research Activities.
Sommario/riassunto	This book provides a complete and current overview of the correlation between ocean conditions and human health, publishing comprehensively for the first time on the direct interactions among oceanography, marine biology and impacts on human health. Specifically the text addresses how changing ocean conditions result in health impacts and disruptions, with a focus on cases in the USA. - The changing ocean conditions that are discussed include diminishing marine biodiversity, climactic changes such as intensified weather events, shifting sea currents and increasing sea temperature. The book addresses the resulting health issues brought about by these various ocean conditions, such as emerging infectious diseases, starvation and poisoning among impacted communities, toxic algae blooms,

threatened ecosystems, and other future implications. - The text was developed in conjunction with scientists from Brown University, the University of Rhode Island, the University of Texas at Austin, the University of California at Riverside and Ochsner Health, all located in areas deeply impacted by the changing Oceans. - The book will be of interest to marine research scientists, health care professionals, students, and general enthusiasts of oceanography and health. .

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